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WHAT IS CLAIMED IS:

1. A turbocharger for internal combustion engines comprising:

a turbine housing having a turbine rotatably disposed therein;

a compressor housing having a compressor rotatably disposed therein, the compressor housing including an air intake for receiving air therein and a volute for receiving air pressurized by the compressor;

a valve mount integral with the compressor housing and disposed along a compressor housing outside surface, the valve mount including a first air port disposed therein in communication with the compressor volute, and a second air port disposed therein in communication with the compressor air intake;

means for attaching the valve mount to a solenoid valve; and means for forming a leak-tight seal between the solenoid valve and the valve mount first and second air ports.

- 2. The turbocharger as recited in claim 1 wherein the valve mount includes a first interface surface and a second interface surface each adapted to connect with a solenoid valve, and wherein the first air port is disposed in the first interface surface and the second air port is disposed in the second interface surface.
- 3. A turbocharger for internal combustion engines comprising:

a turbine housing having a turbine rotatably disposed therein;

- a compressor housing having a compressor rotatably disposed therein, the compressor housing including an air intake for receiving air therein and a volute for receiving air pressurized by the compressor;
- a boss integral with the compressor housing and extending substantially perpendicularly from an outer surface thereof, the boss having a first bore extending substantially parallel to an axis of rotation



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of the turbine and compressor, said first bore communicating at a first end with the volute and terminating at a second end in an attachment fitting, the boss further having a second bore extending substantially perpendicular to the first bore and substantially tangential to the outer surface and intersecting the first bore, the second bore terminating at an aperture in a planar mounting face on the boss, the boss additionally including a third bore extending from said planar mounting face to said air intake in the compressor housing;

a solenoid actuated valve mounted on said planar mounting face and having a poppet adapted to seal the second bore aperture in a first position and connect the aperture to a flow path in a second position, the flow path communicating with the third bore; and

a control means for energizing the solenoid.

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4. **X turbocharger as defined in claim 3 wherein the control means includes a means for sensing actuation of a brake pedal.

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5. X turbocharger as defined in claim 3 wherein the control means includes a means for sensing pressure proximate the volute.

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6. \times \text{turbocharger as defined in claim 3 wherein the turbine housing includes a wastegate and further comprising:

a pneumatic actuation means operably connected to the attachment fitting for actuation of the wastegate by pressure provided through the first bore from the volute with the poppet in the first position.